



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

49
7-22-04
P.2.

APPLICANT: Brian P. Dougherty and C. Leo Meier

APPLICATION NO.: 09/538,602

FILING DATE: March 29, 2000

TITLE: Using The Electronic Program Guide To Synchronize Interactivity
With Broadcast Programs

EXAMINER: Matthew R. Demicco

GROUP ART UNIT: 2611

ATTY. DKT. NO.: 19502-04562

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JUL 16 2004

Technology Center 2600

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: July 12, 2004

By:

Jeffrey Brill, Reg. No.: 51,198

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☐ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

19502/04562/DOCS/1444217.1
06/17/04

07/15/2004 H0UTEMAI 00000100 09538602

180.00 OP
01 FC:1806

- ☒ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
- ☒ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
 - ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of


information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. APPLICATION NO., filed on DATE FILED, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☐ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
BRIAN P. DOUGHERTY ET AL.

Dated: July 12, 2004

By: 
Jeffrey Brill, Reg. No.: 51,198
Fenwick & West LLP
Silicon Valley Center
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Mountain View, CA 94041
Tel.: (650) 335-7291
Fax.: (650) 938-5200

JUL 15 2004
 OFFICE
 PATENT & TRADEMARK

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	09/538,602
				Filing Date	March 29, 2000
				First Named Inventor	Brian Dougherty
				Art Unit	2611
				Examiner Name	Matthew R. Demicco
Sheet	1	of	3	Attorney Docket Number	19502-04562

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-6,295,647	09-25-2001	Ramaswamy
		US-6,181,335	01-30-2001	Hendricks et al.
		US-6,064,438	05-16-2000	Miller
		US-6,021,433	02-01-2000	Payne et al.
		US-6,006,256	12-21-1999	Zdepski et al.
		US-5,937,331	08-10-1999	Kalluri et al.
		US-5,880,720	03-09-1999	Iwafume et al.
		US-5,861,881	01-19-1999	Freeman et al.
		US-5,850,447	12-15-1998	Peyret
		US-5,848,352	12-08-1998	Dougherty et al.
		US-5,835,717	11-10-1998	Karlton et al.
		US-5,826,166	10-20-1998	Brooks et al.
		US-5,819,034	10-06-1998	Joseph et al.
		US-5,818,440	10-06-1998	Allibhoy et al.
		US-5,781,228	07-14-1998	Sposato
		US-5,729,279	03-17-1998	Fuller
		US-5,719,618	02-17-1998	Park
		US-5,689,799	11-18-1997	Dougherty et al.
		US-5,675,373	10-07-1997	Joiner et al.
		US-5,652,615	07-29-1997	Bryant et al.
		US-5,586,264	12-17-1996	Belknap et al.
		US-5,585,858	12-17-1996	Harper et al.
		US-5,583,563	12-10-1996	Wanderscheid et al.
		US-5,563,648	10-08-1996	Menand et al.

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	09/538,602
				Filing Date	March 29, 2000
				First Named Inventor	Brian Dougherty
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				Examiner Name	Matthew R. Demicco
Sheet	2	of	3	Attorney Docket Number	19502-04562

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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-5,557,317	09-17-1996	Nishio et al.
		US-5,539,920	07-23-1996	Menand et al.
		US-5,504,896	04-02-1996	Schell et al.
		US-5,448,568	09-05-1995	Delpuch et al.
		US-5,400,402	03-21-1995	Garfinkle
		US-5,343,239	08-30-1994	Lappington et al.
		US-5,334,975	08-02-1994	Wachob et al.
		US-5,307,173	04-26-1994	Yuen et al.
		US-4,751,578	06-14-1988	Reiter et al.

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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		EP0942595 A2	03-09-1999	Sony Corp. (JP)	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶	
		Advanced Television Enhancement Forum Specification (ATVEF), Version 1.1r26, February 2, 1999, pp. 1-37.		
		EVAIN, J.-P., The Multimedia Home Platform – an overview, EBU Technical Department Review – Spring 1998.		
		Pending United States patent application, "Automated Control of Interactive Application Execution Using Defined Time Periods," Serial Number 09/431,001, Filing Date November 7, 1999.		
		Pending United States patent application, "Automatic Control of Broadcast and Execution Of Interactive Applications To		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19502/04562/DOCS/1444114.1
06/17/04

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

Complete if Known

Application No.	09/538,602
Filing Date	March 29, 2000
First Named Inventor	Brian Dougherty
Art Unit	2611
Examiner Name	Matthew R. Demicco
Attorney Docket Number	19502-04562

Sheet	3	of	3
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OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

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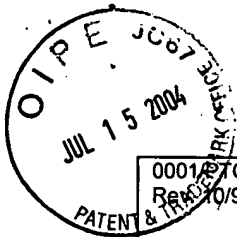
Examiner Signature		Date Considered	
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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19502/04562/DOCS/1444114.1
06/17/04



2611/\$
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TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>	0001970 Rev. 7/0/95	U.S. Department of Commerce Patent and Trademark Office	Application Number	09/538,602
			Filing Date	March 29, 2000
			First Named Inventor	Brian P. Dougherty
			Group Art Unit Number	2611
			Examiner Name	Matthew R. Demicco
Total Number of Pages in This Submission	8*	Attorney Docket Number	19502-04562	

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ENCLOSURES (check all that apply)		JUL 16 2004
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement & PTO/SB/08A <input checked="" type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) [] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Technology Center 2600
REMARKS: *Page count does not include cited references.		

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Jeffrey Brill, Reg. No. 51,198	Dated:	July 12, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Jeffrey Brill	Dated:	July 12, 2004
Express Mail Mailing Number (optional):			

FEE TRANSMITTAL

for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number 09/538,602
Filing Date March 29, 2000
First Named Inventor Brian P. Dougherty
Examiner Name Matthew R. Demicco
Art Unit 2611
Attorney Docket No. 19502-04562

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METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☐ Deposit Account:

Deposit Account Number 19-2555

Deposit Account Name Fenwick & West LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims -20** = X =
Independent Claims -3** = X =
Multiple Dependent =

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES


Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

SUBTOTAL (3) (\$180.00)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type)	Jeffrey Brill	Registration No. (Attorney/Agent)	51,198	Complete (if applicable)	Telephone (650) 335-7291
Signature				Date	July 12, 2004



0002 PTO (modified) Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Complete if Known	
FEE TRANSMITTAL TOTAL AMOUNT OF PAYMENT Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$1,914)		Application Number	09/538,602
		Filing Date	March 29, 2000
		First Named Inventor	Brian P. Dougherty et al.
		Group Art Unit	2743
		Examiner Name	Unknown
		Attorney Docket Number	19502-04562

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																											
1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account. <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. [†] <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account. Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP A Duplicate Copy of this authorization is attached 2. <input checked="" type="checkbox"/> Payment Enclosed: [<input checked="" type="checkbox"/>] Check [<input type="checkbox"/>] Other		3. ADDITIONAL FEES <table border="1"><thead><tr><th>Large Entity Fee Code/Fee</th><th>Small Entity Fee Code/Fee</th><th>Fee Description</th><th>Fee Due</th></tr></thead><tbody><tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td>130</td></tr><tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr><tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month[†]</td><td></td></tr><tr><td>116/\$380</td><td>216/\$190</td><td>Extension for response within second month[†]</td><td></td></tr><tr><td>117/\$870</td><td>217/\$435</td><td>Extension for response within third month[†]</td><td></td></tr><tr><td>118/\$1,360</td><td>218/\$680</td><td>Extension for response within fourth month[†]</td><td></td></tr><tr><td>128/\$1,850</td><td>228/\$925</td><td>Extension for response within fifth month[†]</td><td></td></tr><tr><td>119/\$300</td><td>219/\$150</td><td>Notice of Appeal</td><td></td></tr><tr><td>141/\$1,210</td><td>241/\$605</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr><tr><td>142/\$1,210</td><td>242/\$605</td><td>Utility Issue Fee (Or Reissue)</td><td></td></tr><tr><td>143/\$430</td><td>243/\$215</td><td>Design Issue Fee</td><td></td></tr><tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123/\$50</td><td>123/\$50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126/\$240</td><td>126/\$240</td><td>Submission of Information Disclosure Statement</td><td></td></tr><tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146/\$690</td><td>246/\$345</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149/\$690</td><td>249/\$345</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td colspan="2">Other fee (specify):</td><td></td><td></td></tr><tr><td colspan="2">Other fee (specify):</td><td></td><td></td></tr><tr><td colspan="3">SUBTOTAL (3)</td><td>(\$130)</td></tr></tbody></table>				Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	130	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet		147/\$2,520	147/\$2,520	For filing a request for reexamination		115/\$110	215/\$55	Extension for response within first month [†]		116/\$380	216/\$190	Extension for response within second month [†]		117/\$870	217/\$435	Extension for response within third month [†]		118/\$1,360	218/\$680	Extension for response within fourth month [†]		128/\$1,850	228/\$925	Extension for response within fifth month [†]		119/\$300	219/\$150	Notice of Appeal		141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application		142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)		143/\$430	243/\$215	Design Issue Fee		122/\$130	122/\$130	Petitions to the Commissioner		123/\$50	123/\$50	Petitions related to provisional applications		126/\$240	126/\$240	Submission of Information Disclosure Statement		581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)		146/\$690	246/\$345	Filing a submission after final rejection (37 CFR 1.129(a))		149/\$690	249/\$345	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify):				Other fee (specify):				SUBTOTAL (3)			(\$130)
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due																																																																																										
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127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet																																																																																											
147/\$2,520	147/\$2,520	For filing a request for reexamination																																																																																											
115/\$110	215/\$55	Extension for response within first month [†]																																																																																											
116/\$380	216/\$190	Extension for response within second month [†]																																																																																											
117/\$870	217/\$435	Extension for response within third month [†]																																																																																											
118/\$1,360	218/\$680	Extension for response within fourth month [†]																																																																																											
128/\$1,850	228/\$925	Extension for response within fifth month [†]																																																																																											
119/\$300	219/\$150	Notice of Appeal																																																																																											
141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application																																																																																											
142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)																																																																																											
143/\$430	243/\$215	Design Issue Fee																																																																																											
122/\$130	122/\$130	Petitions to the Commissioner																																																																																											
123/\$50	123/\$50	Petitions related to provisional applications																																																																																											
126/\$240	126/\$240	Submission of Information Disclosure Statement																																																																																											
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)																																																																																											
146/\$690	246/\$345	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																											
149/\$690	249/\$345	For each additional invention to be examined (37 CFR 1.129(b))																																																																																											
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1. FILING FEE <table border="1"><thead><tr><th>Large Entity Fee Code/Fee</th><th>Small Entity Fee Code/Fee</th><th>Fee Description</th><th>Fee Due</th></tr></thead><tbody><tr><td>101/\$690</td><td>201/\$345</td><td>Utility Filing</td><td>690</td></tr><tr><td>106/\$310</td><td>206/\$155</td><td>Design Filing</td><td></td></tr><tr><td>108/\$690</td><td>208/\$345</td><td>Reissue</td><td></td></tr><tr><td>114/\$150</td><td>214/\$75</td><td>Provisional Filing</td><td></td></tr><tr><td colspan="3">SUBTOTAL (1)</td><td>(\$690)</td></tr></tbody></table>		Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	101/\$690	201/\$345	Utility Filing	690	106/\$310	206/\$155	Design Filing		108/\$690	208/\$345	Reissue		114/\$150	214/\$75	Provisional Filing		SUBTOTAL (1)			(\$690)																																																																				
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		<table border="1"><thead><tr><th colspan="2">(Col. 1)</th><th colspan="2">(Col. 2)</th><th colspan="2">(Col. 3)</th><th>Fee</th><th>Fee Due</th></tr><tr><th>For</th><th>No. of Existing Claims</th><th>Highest No. Previously Paid For</th><th></th><th>Extra**</th><th></th><th></th><th></th></tr></thead><tbody><tr><td>TOTAL</td><td>49</td><td>20</td><td>minus*</td><td>29</td><td>x</td><td>18</td><td>= 522</td></tr><tr><td>INDEP</td><td>7</td><td>3</td><td>minus*</td><td>4</td><td>x</td><td>78</td><td>= 312</td></tr><tr><td colspan="6">[<input checked="" type="checkbox"/>] First presentation of multiple dependent claim</td><td>260</td><td>= 260</td></tr></tbody></table>		(Col. 1)		(Col. 2)		(Col. 3)		Fee	Fee Due	For	No. of Existing Claims	Highest No. Previously Paid For		Extra**				TOTAL	49	20	minus*	29	x	18	= 522	INDEP	7	3	minus*	4	x	78	= 312	[<input checked="" type="checkbox"/>] First presentation of multiple dependent claim						260	= 260																																																		
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SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Michael R. Blum	Reg. Number	44,543
Signature		Date	6/30/00

FORM PTO-1449

(REV. 6-89)

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Attorney's Docket No.

19502-04562

Application No.

09/538,602

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Brian P. Dougherty et al.

Filing Date

March 29, 2000

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2743

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		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
MP	A1	6,008,802	12/28/99	Iki et al.	345	327	
	A2	5,974,222	10/26/99	Yuen et al.	386	83	
	A3	5,970,206	10/19/99	Yuen et al.	386	83	
	A4	5,872,589	02/16/99	Morales	348	13	
	A5	5,819,034	10/06/98	Joseph et al.	395	200.31	
	A6	5,818,440	10/06/98	Allibhoy et al.	345	327	
	A7	5,790,198	08/04/98	Roop et al.	348	460	
	A8	5,768,539	06/16/98	Metz et al.	395	200.79	
	A9	5,657,072	08/12/97	Aristides et al.	348	13	
	A10	5,559,550	09/24/96	Mankovitz	348	6	

FOREIGN PATENT DOCUMENTS

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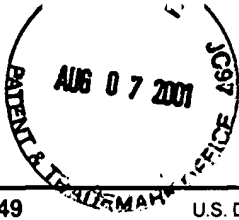
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MP	C1	ntl Group Ltd. 2000, <i>Interactive Digital Television</i> [online], [retrived on 2000-11-21]. Retrieved from the Internet <URL: http://www.ntl.com/guides/digitaltv/interactive.asp >, 2 pages.

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MRD	A1	6,061,719	5/2000	Bendinelli et al.	709	218	
(A2	6,018,768	1/2000	Ullman et al.	709	218	
	A3						
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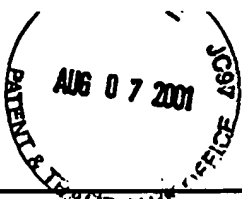
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	C2	
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Sheet 1 of 1

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Patent and Trademark OfficeAttorney's Docket No.
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